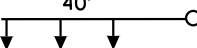
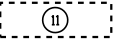
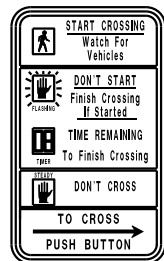


THE LOCATION OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION.

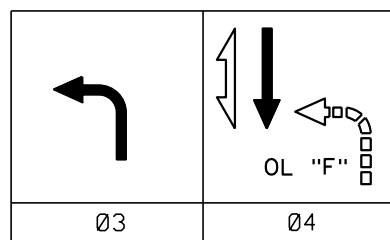
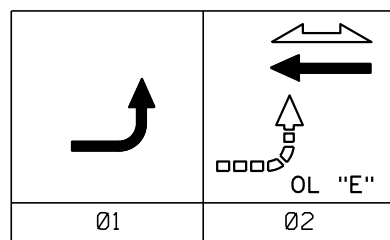
LEGEND

PULL BOX 24" X 42" _____	
SIGNAL STANDARD, PEDESTAL BASE _____	
PEDESTRIAN SIGNAL W/PUSH BUTTON _____	
SIGNAL POLE, MONOTUBE ARM _____	
CONTROL CABINET BASE _____	
3" CONDUIT (2" from PB to T1 concrete base) _____	
SIGNAL HEAD NUMBER _____	
MOUNTING CONFIGURATION _____	  
LOOP DETECTOR (Microwave) _____	
LUMINAIRE (under permit to local municipality) _____	

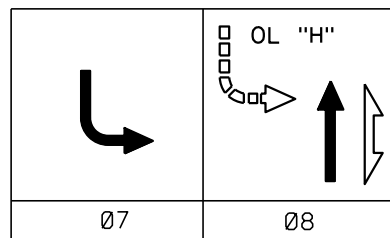
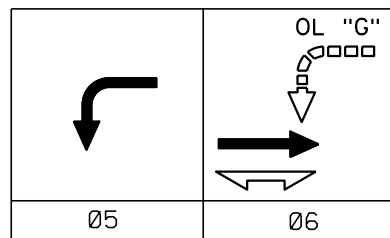


	HEAD NUMBERS	FLASH
Ø1	6, 7	R
Ø2	3, 4, 5	R
Ø3	16, 17	R
Ø4	13, 14, 15	R
Ø5	1, 2	R
Ø6	8, 9, 10	R
Ø7	11, 12	R
Ø8	18, 19, 20	R
Ø2P	21, 22	
Ø4P	23, 24	
Ø6P	25, 26	
Ø8P	27, 28	
OLE	6, 7	-
OLF	16, 17	-
OLG	1, 2	-
OLH	11, 12	-

RING 1



RING 2



BARRIER

CONTROLLER LOGIC

PHASE NUMBER	PHASE LOCKING	DUAL ENTRY W / Ø	PHASE RECALL	PHASE ACTIVE
1				X
2			MIN	X
3				X
4		8		X
5				X
6			MIN	X
7				X
8		4		X

EMERGENCY VEHICLE PREEMPTION
maintained by the City of Appleton

EMERGENCY VEHICLE DETECTOR	3	4	5	6
MOVEMENT				
PHASE	1+6	4+7	2+5	3+8
GTT CHANNEL	A	B	C	D

TYPE OF INTERCONNECT/COMMUNICATION	
CELL MODEM	
CLOSED LOOP	
TWISTED PAIR*	
FIBER OPTIC*	
FIBER OPTIC (ETHERNET)	
RADIO	

TYPE OF COORDINATION	
NONE	
TBC	X
TRAFFIC RESPONSIVE	
ADAPTIVE	
*LOCATION OF MASTER CONTROLLER NO:	S-000
SIGNAL SYSTEM #:	SS-0000

TYPE OF LIGHTING	
BY OTHER AGENCY	
IN TRAFFIC SIGNAL CABINET	X
IN SEPARATE DOT LIGHTING CABINET	

TYPE OF PRE-EMPT	
NONE	
RAILROAD	
EMERGENCY VEHICLE	
GTT	X
TOMAR	
HARDWIRE	
3M	
LIFT BRIDGE	
QUEUE DETECTOR	

DETECTOR LOGIC

RACK # 1

DETECTOR CHANNEL	3	1	7	5	11	9	15	13
PLAN LOOP DETECTOR *(S)		11		21	82	31	71	41
ASSIGNED PHASE		1		2	8	3	7	4
OPERATION MODE		Veh		Veh	Veh	Veh	Veh	Veh
SWITCH TO PHASE								
EXTEND								
DELAY								Yes
DETECTOR CHANNEL	4	2	8	6	12	10	16	14
PLAN LOOP DETECTOR *(S)		61		51		81		42
ASSIGNED PHASE		6		5		8		4
OPERATION MODE		Veh		Veh		Veh		Veh
SWITCH TO PHASE								
EXTEND								
DELAY					Yes			

RACK # 2

DETECTOR CHANNEL	19	17	23	21	27	25	31	29
PLAN LOOP DETECTOR *(S)								
ASSIGNED PHASE								
OPERATION MODE								
SWITCH TO PHASE								
EXTEND								
DELAY								
DETECTOR CHANNEL	20	18	24	22	28	26	32	30
PLAN LOOP DETECTOR *(S)								
ASSIGNED PHASE								
OPERATION MODE								
SWITCH TO PHASE								
EXTEND								
DELAY								

GENERAL NOTES:

1. PROVIDE FOR HAND CONTROL.

Updated 3-2-2017 (Add Ethernet Cable Extender)

STH 47 & CTH AP (Midway Rd)
CITY OF MENASHA
WINNEBAGO COUNTY

SIGNAL NO. 70-0138

CABINET: TS2 CONTROLLER: ECONOLITE

DATE: 9-9-2014 PAGE NO. 2 OF 2